

Mini Module PLC Splitter

Features

- Low insertion loss
- High isolation
- Low PDL
- Compact design
- Good channel-to-channel uniformity
- Wide operating wavelength

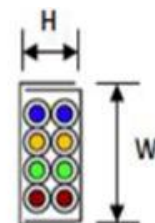
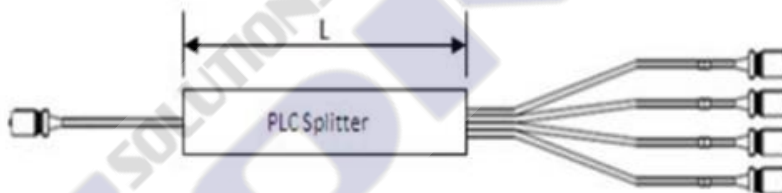


Application:

- FTTH systems
- PON networks
- CATV links
- Communication equipment

Compliance:

- GR-1209-CORE
- GR-1221-CORE
- YD/T-1272Q
- Q/CT-2295
- RoHS



Mini Module 1X NPLC Splitter Specifications								
Operating Wavelength (nm)		1260-1650						
Fiber Type		G657A1 or customer specified						
Port Configuration		1×2	1×4	1×8	1×16	1×32	1×64	1×128
Insertion Loss (dB) (P/S Grade)	Max	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21	23.8/24.2
Loss Uniformity (dB)	Max	0.5	0.7	0.8	1.2	1.5	2.0	2.5
Polarization Dependent Loss(dB)	Max	0.2	0.2	0.2	0.25	0.3	0.4	0.5
Return Loss (dB)	Min	55	55	55	55	55	55	55
Directivity (dB)	Min	55	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	Max	0.5	0.5	0.5	0.8	0.8	1.0	1.2
Temperature Stability(-40~85 °C)(dB)	Max	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Device Dimension (mm) (L×W×H)		60×7×4	60×7×4	60×7×4	60×12×4	80×20×6	100×40×6	N/A

Notes:

1. Specified without connectors.
2. Add an additional 0,2dB loss per connector.
3. Operating Temperature (°C): -40~85.
4. Storage Temperature (°C): -40~85.
5. IL, PDL, WDL can also be customer specified.

Ordering information

Product	Type	Port configuration	Cable type [mm]	Fiber length [m]	Input port connector type	Output port connector type
CT-PLC	MINI	X/XX	X.X	X.X	X	X
PLC splitter	Mini Module	1 / 2	0.9	1.0	0=None	0=None
		1 / 4	2.0	1.5	1= SC/PC	1= SC/PC
		1 / 8	3.0	2.0	2= SC/APC	2= SC/APC
		1 / 16	3= LC/PC	3= LC/PC
		1 / 32			4 = LC/APC	4 = LC/APC
		1 / 64				